

FIG. 4A

GAGE-1 -----CTGCCG TCCTGACTCTTTTTCCTCTACTGAGATTCA
 GAGE-2 -----ACGCCAGGGAG CTGTGAGGAGTGTCTGTGTCTTCTGCCG TCCTGACTCTTTTTCCTCTACTGAGATTCA
 GAGE-3 CTCTATTTCACACAGATGATGTTGGCAGG MAGTTCGACCTATTATTGTGCTTAGECCCAAT AATAGTTCGATTTCTCTGCCACTCATAT
 GAGE-4 -----CGCCAGGGAG CTGTGAGGAGTGTCTGTGTGTCTTCTGCCG TCCTGACTCTTTTTCCTCTACTGAGATTCA
 GAGE-5 -----AG CTGTGAGGAGTGTCTGTGTGTGTCTTCTGCCG TCCTGACTCTTTTTCCTCTACTGAGATTCA
 GAGE-6 -----GCCAGGGAG CTGTGAGGAGTGTCTGTGTGTGTCTTCTGCCG TCCTGACTCTTTTTCCTCTACTGAGATTCA

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GAGE-1 TCTGTCTGAATTTGAGCTTGGCCGAGGAACTTCGACCTTTATCTGGCTTAGACCAAGACGC TAAGCTTAGACCTTCTGAAATGATTTGGCCCT 1
 GAGE-2 TCTGTCTGAATTTGAGCTTGGCCGAGGAACTTCGACCTTTATCTGGCTTAGACCAAGACGC TAAGCTTAGACCTTCTGAAATGATTTGGCCCT 1
 GAGE-3 TTTACACAACTGAATCTCAGTTAGAGGAAATA TCGACCTTATTATTGGCTTAGACCAAGACGC TAAGCTTAGACCTTCTGAAATGATTTGGCCCT 1
 GAGE-4 TCTGTGTGAATTTGAGCTTGGCCGAGGAACTTCGACCTTATTATTGGCTTAGACCAAGACGC TAAGCTTAGACCTTCTGAAATGATTTGGCCCT 1
 GAGE-5 TCTGTGTGAATTTGAGCTTGGCCGAGGAACTTCGACCTTATTATTGGCTTAGACCAAGACGC TAAGCTTAGACCTTCTGAAATGATTTGGCCCT 1
 GAGE-6 TCTGTGTGAATTTGAGCTTGGCCGAGGAACTTCGACCTTATTATTGGCTTAGACCAAGACGC TAAGCTTAGACCTTCTGAAATGATTTGGCCCT 1

VDE 43

GAGE-1 ATGCGGCCCGAGCAGTTCACTGATGTAAGTGAACACGACACACCTGAGAAGGGGAACCA GCAACTCAACGTCAGGATTCCTGCAGCTGCT 2
 GAGE-2 ATGCGGCCCGAGCAGTTCACTGATGTAAGTGAACACGACACACCTGAGAAGGGGAACCA GCAACTCAACGTCAGGATTCCTGCAGCTGCT 2
 GAGE-3 ATGCGGCCCGAGCAGTTCACTGATGTAAGTGAACACGACACACCTGAGAAGGGGAACCA GCAACTCAACGTCAGGATTCCTGCAGCTGCT 2
 GAGE-4 ATGCGGCCCGAGCAGTTCACTGATGTAAGTGAACACGACACACCTGAGAAGGGGAACCA GCAACTCAACGTCAGGATTCCTGCAGCTGCT 2
 GAGE-5 ATGCGGCCCGAGCAGTTCACTGATGTAAGTGAACACGACACACCTGAGAAGGGGAACCA GCAACTCAACGTCAGGATTCCTGCAGCTGCT 2
 GAGE-6 ATGCGGCCCGAGCAGTTCACTGATGTAAGTGAACACGACACACCTGAGAAGGGGAACCA GCAACTCAACGTCAGGATTCCTGCAGCTGCT 2

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GAGE-1 CAGGAGGAGAGGATGAGGAGAGCATCTGCA GGTCAAGGGGCCGAGAGCCTGAGAGCTGATAGC CAGGAACAGGGTCAACCCACAGACTGGGTGT 3
 GAGE-2 CAGGAGGAGAGGATGAGGAGAGCATCTGCA GGTCAAGGGGCCGAGAGCCTGAGAGCTGATAGC CAGGAACAGGGTCAACCCACAGACTGGGTGT 3
 GAGE-3 CAGGAGGAGAGGATGAGGAGAGCATCTGCA GGTCAAGGGGCCGAGAGCCTGAGAGCTGATAGC CAGGAACAGGGTCAACCCACAGACTGGGTGT 3
 GAGE-4 CAGGAGGAGAGGATGAGGAGAGCATCTGCA GGTCAAGGGGCCGAGAGCCTGAGAGCTGATAGC CAGGAACAGGGTCAACCCACAGACTGGGTGT 3
 GAGE-5 CAGGAGGAGAGGATGAGGAGAGCATCTGCA GGTCAAGGGGCCGAGAGCCTGAGAGCTGATAGC CAGGAACAGGGTCAACCCACAGACTGGGTGT 3
 GAGE-6 CAGGAGGAGAGGATGAGGAGAGCATCTGCA GGTCAAGGGGCCGAGAGCCTGAGAGCTGATAGC CAGGAACAGGGTCAACCCACAGACTGGGTGT 3

FIG. 4B

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GAGE-1	GAGTGTGAAGATGCTCTGATGGGCAGAG	ATGGACCCGCCAATCCAGAGAGGTGAAA	ACGCCTGAAGAGAGATGAGGCTCTACTAT 3
GAGE-2	GAGTGTGAAGATGCTCTGATGGGCAGAG	ATGGACCCGCCAATCCAGAGAGGTGAAA	ACGCCTGAAGAGAGAGATGAGGCTCTACTAT 4
GAGE-3	GAGTGTGAAGATGCTCTGATGGGCAGAG	ATGGACCCGCCAATCCAGAGAGGTGAAA	ACGCCTGAAGAGAGAGATGAGGCTCTACTAT 4
GAGE-4	GAGTGTGAAGATGCTCTGATGGGCAGAG	ATGGACCCGCCAATCCAGAGAGGTGAAA	ACGCCTGAAGAGAGAGATGAGGCTCTACTAT 4
GAGE-5	GAGTGTGAAGATGCTCTGATGGGCAGAG	ATGGACCCGCCAATCCAGAGAGGTGAAA	ACGCCTGAAGAGAGAGATGAGGCTCTACTAT 4
GAGE-6	GAGTGTGAAGATGCTCTGATGGGCAGAG	ATGGACCCGCCAATCCAGAGAGGTGAAA	ACGCCTGAAGAGAGAGATGAGGCTCTACTAT 4
GAGE-1	GTTGCCCAGACTGGGATTCCTTCGCTTTA	ATGACAAATGCTTCTTAATCTTCCCA	CGGAACCTGAGTGAATATCAAT 4
GAGE-2	-----	-----	----- 4
GAGE-3	-----	-----	----- 4
GAGE-4	-----	-----	----- 4
GAGE-5	-----	-----	----- 4
GAGE-6	-----	-----	----- 4
GAGE-1	GGCAGAGACCGTTAGTTCCTATCATCTG	TGGCATGTGAAGGCAATCAGAGTGTAAA	AGAAGCATGCTGAATGTTGCAGGCTGCT 5
GAGE-2	-----	-----	----- 4
GAGE-3	-----	-----	----- 4
GAGE-4	-----	-----	----- 4
GAGE-5	-----	-----	----- 4
GAGE-6	-----	-----	----- 4
GAGE-1	CCATATGTTGAAATTTCTTCATTGAGTTTC	TCCCAATTAAGCTTTACAGCCCTTTCGAAA	GAATAAAAAAAAAA 6
GAGE-2	CCATATGTTGAAATTTCTTCATTGAGTTTC	TCCCAATTAAGCTTTACAGCCCTTTCGAAA	GAATAAAAAAAAAA 5
GAGE-3	CCATATGTTGAAATTTCTTCATTGAGTTTC	TCCCAATTAAGCTTTACAGCCCTTTCGAAA	GAATAAAAAAAAAA 5
GAGE-4	CCATATGTTGAAATTTCTTCATTGAGTTTC	TCCCAATTAAGCTTTACAGCCCTTTCGAAA	GAATAAAAAAAAAA 5
GAGE-5	CCATATGTTGAAATTTCTTCATTGAGTTTC	TCCCAATTAAGCTTTACAGCCCTTTCGAAA	GAATAAAAAAAAAA 5
GAGE-6	CCATATGTTGAAATTTCTTCATTGAGTTTC	TCCCAATTAAGCTTTACAGCCCTTTCGAAA	GAATAAAAAAAAAA 5

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